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**The Files**

**31 August 1960**

VHF Receivers

1. On 31 August 1960, a periodic inspection visit was made to the [redacted] plant located [redacted] to monitor progress on the [redacted] VHF receivers currently being fabricated. [redacted]

2. In addition to correcting the six items previously described in the R&D Lab's A and A Report No. 275, [redacted] indicated that the company is also incorporating the following desirable improvements in the production unit. These are:

- a) minor redesign in the power supply to reduce total power dissipation in the receiver
- b) reduction of the panel size from 10½" to 8-3/4" height which necessitated repackaging of the power supply and various parts of the audio circuitry
- c) minor repackaging of power transformer, filter choke and audio transformer in order to facilitate change from 10½" panel height to 8-3/4" panel height
- d) a slight increase in the depth of the receiver in order to avoid crowding in the video section
- e) a change from a gas tube regulator to Zener regulator in order to conserve space
- f) a slight change in the size of the IF chassis to facilitate repackaging
- g) a modification of the low level outputs from anode followers to cathode followers to obtain lower output impedance.

3. The contractor has indicated that the majority of all mechanical parts have been fabricated and all electrical components are either in the plant or expected shortly. A revised projected delivery date for this equipment is 1 October 1960.

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